Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 13 Dec 2023 until 23:59 on Thursday 14 Dec 2023

Forecast Issued on Tuesday 12 Dec 2023 at 09:33

Confidence: Generally high but moderate for rainfall detail.

Headline for Wednesday 13 Dec 2023: Early rain or showers clearing to a largely dry and bright day.

Mountain weather hazards on Wednesday 13 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Clear night	Cloudy
Precipitation probability							
30%	30%	30%	30%	20%	10%	10%	20%

Forecast for Wednesday 13 Dec 2023

Weather: Cloudy with outbreaks of light rain during the early hours, with perhaps a few showers following. Cloud breaking up during the morning with increasing sunny spells. Some high cloud arriving from the west later in the evening. Strong winds easing during the day.

Chance of cloud-free hill tops above 800m: 20% improving to 80% by mid-morning

Low cloud and visibility: Scattered or broken low cloud base 500-700m, becoming few or scattered by mid-morning and continuing to clear. Visibility generally good out with cloud.

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Forecast for Wednesday 13 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	35/43 NE	38/47 NE	36/45 N	33/42 NE	26/32 N	17/21 NE	8/10 NE	11/13 SE	21/25 S
600	25/33 NE	27/36 NE	25/35 N	22/31 N	17/24 N	11/15 N	7/9 E	11/14 S	18/24 S
300	10/27 NE	11/30 NE	11/29 N	9/25 N	8/20 N	4/12 N	3/8 NE	5/10 S	4/14 S
Valley	14/31 NE	15/34 NE	12/29 N	10/26 N	10/21 N	6/14 N	5/8 NE	3/9 SE	6/16 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-8	-0/-9	-1/-10	-1/-10	-2/-10	-2/-8	-2/-6	-2/-7	-2/-10
600	2/-5	2/-5	1/-6	1/-6	1/-5	0/-4	-0/-4	-0/-5	-0/-6
300	4/0	4/-0	4/-0	3/-0	4/0	3/1	1/-1	0/-2	1/-1
Valley	6/2	6/2	6/2	5/1	6/3	5/3	3/1	2/0	4/2
Freezing Level*	1000m	900m	800m	700m	600m	600m	500m	500m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold at height, be prepared with appropriate layers.

Forecast for Thursday 14 Dec 2023

Weather: Cloudy with outbreaks of rain (perhaps a little sleet or snow on hill tops at first) pushing in from the west during the early hours, rain mainly light but with the odd heavier burst. This quickly clearing southeast by mid-morning to leave a dry, bright and sunny rest of the day.

Maximum wind: West to southwest 15-20 mph, gusting 25 mph

Chance of cloud-free hill tops above 800m: 20% until mid-morning, then increasing to 90%

Low cloud and visibility: Broken cloud base 400-600m from the early hours until mid-morning. Visibility moderate in rain, poor in any sleet or snow, becoming good.

Temperature: **Valleys:** Plus 4 rising to plus 8 Celsius
At 800m: Zero rising to plus 4 Celsius
Freezing level: 800m, soon rising above summits

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Ground Conditions Supplement

Tuesday 12 December. Helvellyn summit at 11:20. The slow thaw of the Lake Districts remaining snow patches continues with summit temperatures well above freezing. The majority of the fells are now clear of snow and the Helvellyn Edges can be climbed and descended entirely on rock. Isolated snow patches can be found above 700m mainly on north through east aspects but these are generally easily avoided. Today they were soft, granular & thawing with a few icy areas where the snow pack has been compressed beneath walkers feet. However a slight drop in temperature will quickly refreeze the snow creating a significant icy hazard for anyone without the correct equipment or knowledge to prevent a simple slip becoming something far more serious. Temperature 3.2C. Maximum wind speed 11.4mph. Wind chill -1.4C. Average wind speed 6.3mph

Issued at: 1644 on Tue 12 Dec 2023

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